UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/781,098	02/09/2001	Andy Harjanto	MSFT-0241/160103.2	2955

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EXAMINER
JACOBS, LASHONDA T

ART UNIT	PAPER NUMBER
2157	3

DATE MAILED: 07/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Office Action Summary	Application No. 09/781,098	Applicant(s) HARJANTO, ANDY
		Examiner LaShonda T. Jacobs	**Art Unit** 2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>09 February 2001</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-22</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-22</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>09 February 2001</u> is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date <u>2</u>.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Drawings

1.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they

do not include the following reference character(s) mentioned in the description: note reference

numeral 60 on pg. 10, line 15. Corrected drawing sheets are required in reply to the Office

action to avoid abandonment of the application. Any amended replacement drawing sheet

should include all of the figures appearing on the immediate prior version of the sheet, even if

only one figure is being amended. The replacement sheet(s) should be labeled "Replacement

Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the

drawing figures. If the changes are not accepted by the examiner, the applicant will be notified

and informed of any required corrective action in the next Office action. The objection to the

drawings will not be held in abeyance.

Specification

2.   The disclosure is objected to because of the following informalities: note the Applicant

makes reference to Figure 12 on pg. 6, lines 9 and 17. There is no Figure 12 within this

application.

        Appropriate correction is required.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims **1-22** are rejected under 35 U.S.C. 102(e) as being anticipated by Fitler, Jr. et al

(hereinafter, "Fitler, Jr.", 6,366,913).

As per claims **1** and **5**, Fitler, Jr. discloses a data structure implemented on a computer

readable medium, the data structure comprising a Hyper Text Transport Protocol (HTTP)

Universal Resource Locator (URL) query string including:

- an HTTP portion representing that the query string is an HTTP URL query string (col. 6, lines 1-27);

- an anchor point portion representing an anchor point within the directory service for a search to be conducted based on the query string (col. 6, lines 1-27); and

- a path and query portion defining a search scope based on the anchor point for the search in the directory service (col. 5, lines 31-51).

As per claims **2** and **6**, Fitler, Jr. discloses:

- wherein the query string further includes a server name portion representing a server name through which the directory service is accessible (col. 6, lines 16-23).

As per claims **3** and **7**, Fitler, Jr. discloses:

- wherein the search scope is defined relative to the anchor point in the directory service (col. 5, lines 31-51).

As per claims **4** and **8**, Fitler, Jr. discloses:

- wherein the query string further includes a parameters portion representing an attribute to be returned based on the search (col. 5, lines 44-61).

As per claims **9** and **15**, Fitler, Jr. discloses a method and computer-readable medium for retrieving information from a directory service via a Hyper Text Transport Protocol (HTTP) Universal Resource Locator the method and computer-readable medium comprising:

- parsing the query string into an anchor point portion representing an anchor point within the directory service for a search to be conducted based on the query string (col. 6, lines 1-27);

- parsing the query string into a path and query portion defining a search scope based on the anchor point for the search in the directory service (col. 5, lines 31-51);

- constructing a directory service compatible query from the plurality of parsed portions (col. 5, lines 52-63); and

- forwarding the constructed query to the directory service, wherein the directory service conducts the search based upon the forward query to produce search results (col. 9, lines 51-67).

As per claims **10** and **16**, Fitler, Jr. further discloses:

- receiving the search results from the directory service (col. 9, lines 51-67).

As per claims **11** and **17**, Fitler, Jr. discloses:

- receiving the search results from the directory service in a Hyper Text Markup Language format (col. 6, lines 42-46).

As per claims **12** and **18**, Fitler, Jr. discloses:

- receiving the search results from the directory service in an extensible Markup

  Language format (col. 6, lines 42-46).

As per claims **13** and **19**, Fitler, Jr. further discloses:

- comparing the anchor point against a predetermined set of anchor points and granting

  access to the directory service if the anchor point is contained in the predetermined set

  of anchor points (col. 5, lines 31-67).

As per claims **14** and **20**, Fitler, Jr. further discloses:

- parsing the HTTP URL query string into a parameters portion representing an attribute

  to be returned based on the search (col. 5, lines 1-56).

As per claim **21**, discloses a system for retrieving information from a directory service into

an access device via a Hyper Text Transport Protocol (HTTP) Universal Resource Locator

(URL) query string comprising:

- a server connected to the access device through an HTTP connection, the server for

  receiving the query string, for parsing the received query string into a friendly name

  portion, and for determining whether the friendly name portion is a member of

  predetermined set of friendly names (col. 6, lines 1-27, lines 48-54 and col. 9, lines 26-

  40); and

- a diverting module for receiving the query string from the server if the friendly name

  portion is a member of the predetermined set of friendly names, for parsing the received

  query string, for constructing a directory service compatible query string based on the

  parsed string, and for forwarding the directory service compatible query string to the

  directory service (col. 5, lines 31-67 and col. 9, lines 51-67).

As per claim **22**, Fitler, Jr. discloses:

- wherein the server comprises the diverting module (col. 9, lines 26-40).

Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

U.S. Pat. No. 6,418,402 to King et al

U.S. Pat. No. 6,609,121 to Ambrosini et al

U.S. Pat. No. 6,564,370 to Hunt

U.S. Pat. No. 6,732,160 to Ambrosini et al

U.S. Pat. No. 6,539,382 to Byrne et al

U.S. Pat. No. 6,356,892 to Corn et al

U.S. Pat. No. 6,199,062 to Byrne et al

U.S. Pat. No. 6,347,312 to Byrne et al

U.S. Pat. No. 6,016,499 to Ferguson

U.S. Pat. No. 6,085,188 to Bachmann et al

U.S. Pat. No. 6,209,036 to Aldred et al

U.S. Pat. No. 6,338,082 to Schneider

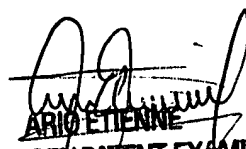U.S. Pat. No. 6,360,266 to Pettus

U.S. Pat. No. 6,442,549 to Schneider

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to LaShonda T. Jacobs whose telephone number is 703-305-7494.

The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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LaShonda T. Jacobs
Examiner
Art Unit 2157

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ltj
June 30, 2004

ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100